IN THE CLAIMS

Please amend the claims as follows:

1. (Previously Presented)   A cardiac rhythm management system comprising:

an implantable cardiac rhythm management (CRM) device, wherein the CRM device includes:

a communication network interface; and

a plurality of sensors to collect data;

a communication network; and

a data correlation unit, wherein the data correlation unit includes:

a communication network interface;

a processor coupled to the communication interface;

a memory storing a plurality of data sets; and

an output unit for displaying data, wherein the processor correlates at least a first data set and a second data set and sends the correlated data sets to the output unit for simultaneous display by the output unit, and wherein at least one of the data sets is collected asynchronously.

2. (Original)   The system of claim 1, wherein the first data set is periodically collected and the second data set is synchronously collected.

3. (Currently Amended) ~~The~~ A cardiac rhythm management system ~~of claim 1,~~ comprising:

an implantable cardiac rhythm management (CRM) device, wherein the CRM device includes a communication network interface and a plurality of sensors to collect data;

a communication network;

a data correlation unit, wherein the data correlation unit includes:

a communication network interface;

a processor coupled to the communication interface;

a memory storing a plurality of data sets;

an output unit for displaying data, wherein the processor correlates at least a first data set and a second data set and sends the correlated data sets to the output unit for simultaneous display by the output unit, and wherein at least one of the data sets is collected asynchronously; and

wherein the first data set includes data entered asynchronously and the second data set is synchronously collected by the CRM device.

4. (Original)   The system of claim 3, wherein the first data set is collected asynchronously by the CRM device.

5. (Currently Amended)   ~~The~~ A cardiac rhythm management system ~~of claim 1,~~ comprising:

an implantable cardiac rhythm management (CRM) device, wherein the CRM device includes a communication network interface and a plurality of sensors to collect data;

a communication network, wherein the communication network is a global computer network;

a data correlation unit, wherein the data correlation unit includes:

a communication network interface;

a processor coupled to the communication interface;

a memory storing a plurality of data sets;

an output unit for displaying data, wherein the processor correlates at least a first data set and a second data set and sends the correlated data sets to the output unit for simultaneous display by the output unit, and wherein at least one of the data sets is collected asynchronously.

6. (Original)   The system of claim 5, wherein the processor receives the correlated data over the global computer network.

7. (Original)   The system of claim 5, wherein the memory includes at least one patient database accessible by the global computer network.

8. (Currently Amended) ~~The~~ A cardiac rhythm management system ~~of claim 1,~~ comprising:

an implantable cardiac rhythm management (CRM) device, wherein the CRM device includes a communication network interface and a plurality of sensors to collect data;

a communication network, wherein the communication network is a telephone system;

a data correlation unit, wherein the data correlation unit includes:

a communication network interface;

a processor coupled to the communication interface;

a memory storing a plurality of data sets;

an output unit for displaying data, wherein the processor correlates at least a first data set and a second data set and sends the correlated data sets to the output unit for simultaneous display by the output unit, and wherein at least one of the data sets is collected asynchronously.

9. (Previously Presented)   A system for displaying cardiac data from a cardiac rhythm management device comprising:

a memory containing a plurality of data sets including at least a first data set distinct from a second data set, the second data set including conditions of a cardiac rhythm management device under which the second data set was acquired;

a processor connected to the memory, wherein the processor includes one or a combination of hardware and software to correlate the first data set and the second data set; and

an output unit connected to said processor, the output unit receiving the correlated first and second data sets from the processor, the first set, second data set and conditions being simultaneously displayed on said output unit.

10. (Original) The system of claim 9, wherein the first data set is periodically collected and the second data set is synchronously collected.

11. (Currently Amended) ~~The system of claim 10,~~ A system for displaying cardiac data from a cardiac rhythm management device comprising:

a memory containing a plurality of data sets including at least a first data set distinct from a second data set, the second data set including conditions of a cardiac rhythm management device under which the second data set was acquired;

a processor connected to the memory, wherein the processor includes one or a combination of hardware and software to correlate the first data set and the second data set;

an output unit connected to said processor, the output unit receiving the correlated first and second data sets from the processor, the first set, second data set and conditions being simultaneously displayed on said output unit;

wherein the first data set is periodically collected and the second data set is synchronously collected; and

wherein the first data set includes drug therapy, and the second data set includes shock therapy.

12. (Original) The system of claim 9, wherein the conditions include one or a combination of types of programmable parameter settings, values of the parameter settings, time of settings, and percentage of time a setting is used.

13. (Original) The system of claim 12, wherein the conditions are displayed adjacent to a graph of the first and second correlated data sets.

14. (Currently Amended) ~~The system of claim 9,~~ A system for displaying cardiac data from a cardiac rhythm management device comprising:

a memory containing a plurality of data sets including at least a first data set distinct from a second data set, the second data set including conditions of a cardiac rhythm management device under which the second data set was acquired;

a processor connected to the memory, wherein the processor includes one or a combination of hardware and software to correlate the first data set and the second data set;

an output unit connected to said processor, the output unit receiving the correlated first and second data sets from the processor, the first set, second data set and conditions being simultaneously displayed on said output unit; and

wherein the ~~display~~ output unit uses hatching to represent a change in the first data occurring after an event occurring in the second data.

15. (Currently Amended) ~~The system of claim 9,~~ A system for displaying cardiac data from a cardiac rhythm management device comprising:

a memory containing a plurality of data sets including at least a first data set distinct from a second data set, the second data set including conditions of a cardiac rhythm management device under which the second data set was acquired;

a processor connected to the memory, wherein the processor includes one or a combination of hardware and software to correlate the first data set and the second data set;

an output unit connected to said processor, the output unit receiving the correlated first and second data sets from the processor, the first set, second data set and conditions being simultaneously displayed on said output unit; and

wherein the ~~display~~ output unit uses a change in color to represent a change in the first data occurring after an event occurring in the second data.

16. (Previously Presented)   A method comprising:

collecting a plurality of data sets with an implantable cardiac rhythm management (CRM) device;

correlating at least first and second collected data sets, the first data set distinct from the second data set, wherein at least one of the data sets is collected asynchronously;

transmitting data over a communication network to a correlation data unit;

displaying correlated data sets simultaneously on the correlation data unit.

17. (Currently Amended) ~~The~~ A method ~~of claim 16~~ comprising,

collecting a plurality of data sets with an implantable cardiac rhythm management (CRM) device;

correlating at least first and second collected data sets, the first data set distinct from the second data set, wherein at least one of the data sets is collected asynchronously;

transmitting data over a communication network to a correlation data unit, wherein transmitting data over a communication network includes transmitting data over a global computer network; and

displaying correlated data sets simultaneously on the correlation data unit.

18. (Currently Amended) ~~The~~ A method ~~of claim 16~~ comprising,

collecting a plurality of data sets with an implantable cardiac rhythm management (CRM) device;

correlating at least first and second collected data sets, the first data set distinct from the second data set, wherein at least one of the data sets is collected asynchronously;

transmitting data over a communication network to a correlation data unit, wherein transmitting data over a communication network includes transmitting data over a telephone system; and

displaying correlated data sets simultaneously on the correlation data unit.

19. (Original) The method of claim 16, wherein correlating includes correlating the data in the CRM.

20. (Original) The method of claim 16, wherein collecting a plurality of data sets includes one or a combination of collecting data periodically, asynchronously, or synchronously.

21. (New) The system of claim 5, wherein the first data set includes data entered asynchronously and the second data set is synchronously collected by the CRM device.

22. (New) The system of claim 21, wherein the first data set is collected asynchronously by the CRM device.

23. (New) The system of claim 11, wherein the first data set includes data entered asynchronously and the second data set is synchronously collected.

24. (New) The system of claim 11, wherein the processor receives the first data set over a global computer network.

25. (New) The system of claim 11, wherein the memory includes at least one patient database accessible by the global computer network.

26. (New) The system of claim 11, wherein the conditions include one or a combination of types of programmable parameter settings, values of the parameter settings, time of settings, and percentage of time a setting is used.

27. (New) The system of claim 26, wherein the conditions are displayed adjacent to a graph of the first and second correlated data sets.

28. (New) The system of claim 11, wherein the output unit uses hatching to represent a change in the first data occurring after an event occurring in the second data.

29. (New) The system of claim 11, wherein the output unit uses a change in color to represent a change in the first data occurring after an event occurring in the second data.

30. (New) The method of claim 17, wherein correlating includes correlating the data in the CRM.

31. (New) The method of claim 17, wherein collecting a plurality of data sets includes one or a combination of collecting data periodically, asynchronously, or synchronously.

32. (New) The method of claim 17, wherein displaying includes using hatching to represent a change in the first data occurring after an event occurring in the second data.

33. (New) The method of claim 17, wherein displaying includes changing in color to represent a change in the first data occurring after an event occurring in the second data.

34. (New) The method of claim 17, wherein displaying includes displaying data collection conditions adjacent to a graph of the first and second correlated data sets.

34. (New) The method of claim 17, wherein collecting a plurality of data sets includes entering an asynchronous, first data set and collecting a synchronous, second data set.